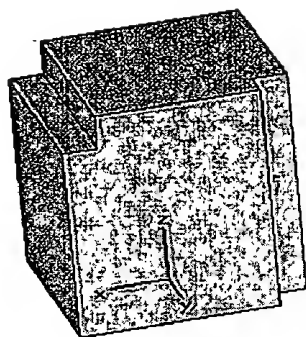
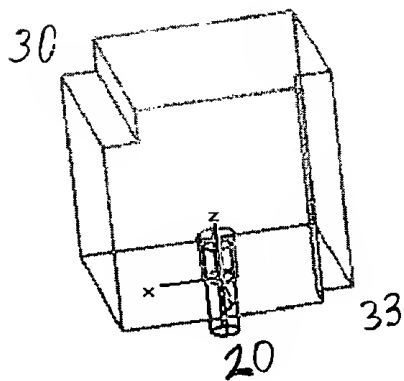


TOP SECRET 92E/8660



10

(a)



10

33

20

(b)

Figure 1.

09087376-11401
FOI b7E b7C

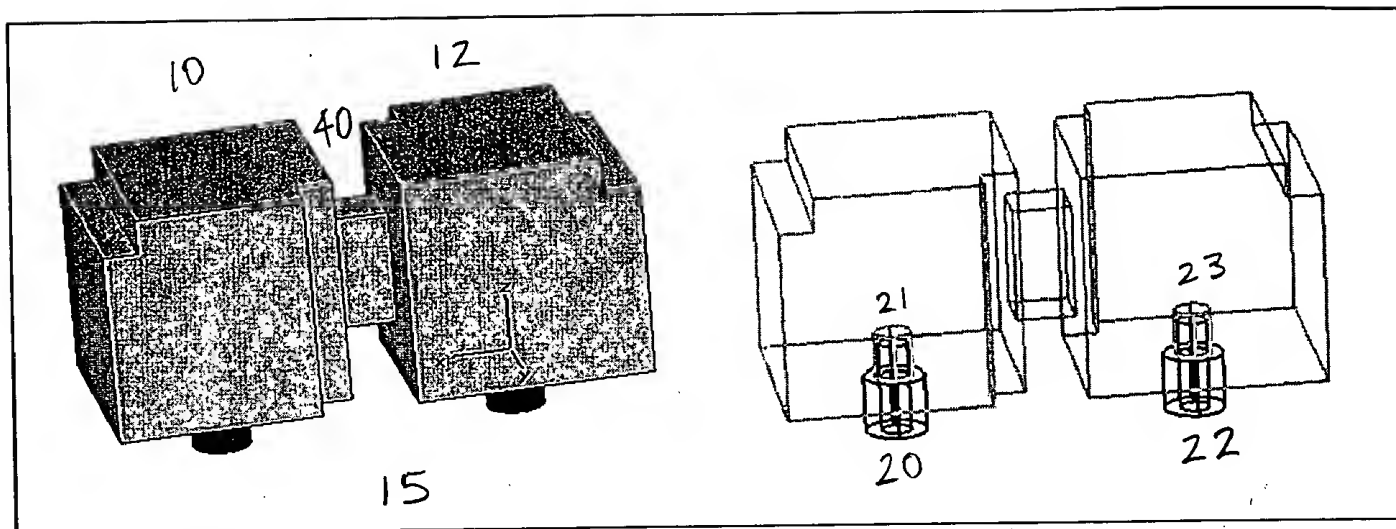


Figure 2.

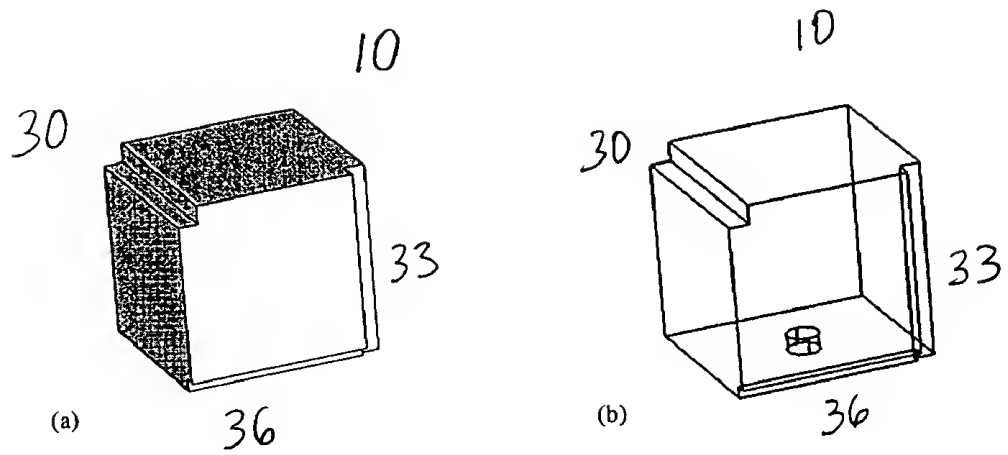


Figure 3.

09987376-11401
TOTT "94E28660

09987376-111401

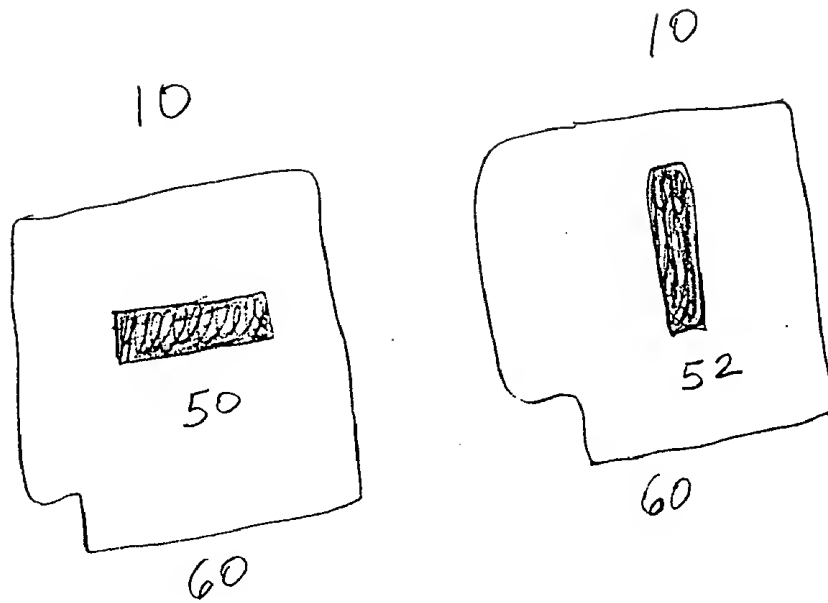
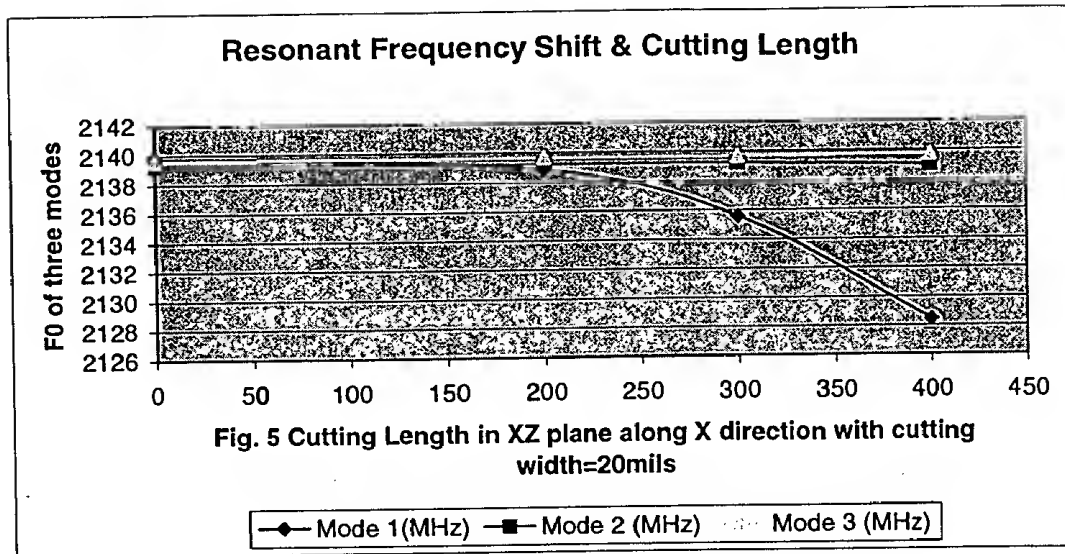


Figure 4

00987376-1144
FOUO-92E28660



09876543210

Resonant Frequency Shift & Cutting Length

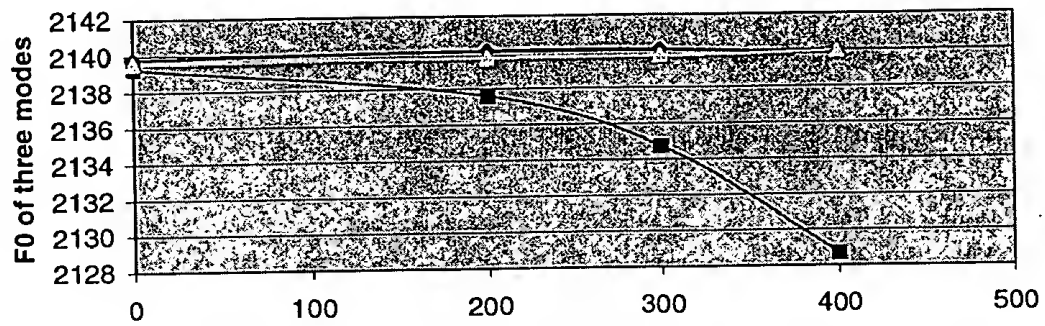


Fig. 6 Cutting Length in XY plane along X direction with cutting width=20mils

◆ Mode 1 (MHz) ■ Mode 2 (MHz) ▲ Mode 3 (MHz)

09987376-111401

Resonant Frequency Shift & Cutting Length

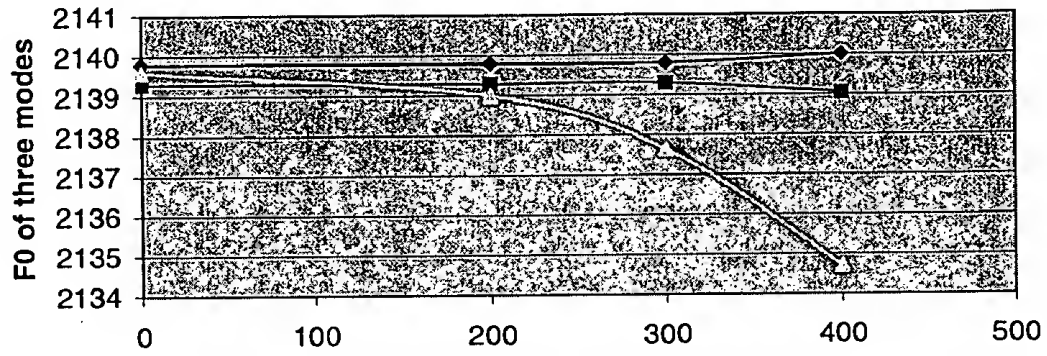


Fig. 7 Cutting Length in XY plane along Y direction with cutting width=20mils

◆ Mode 1 (MHz) ■ Mode 2 (MHz) ▲ Mode 3 (MHz)

09987376-11401

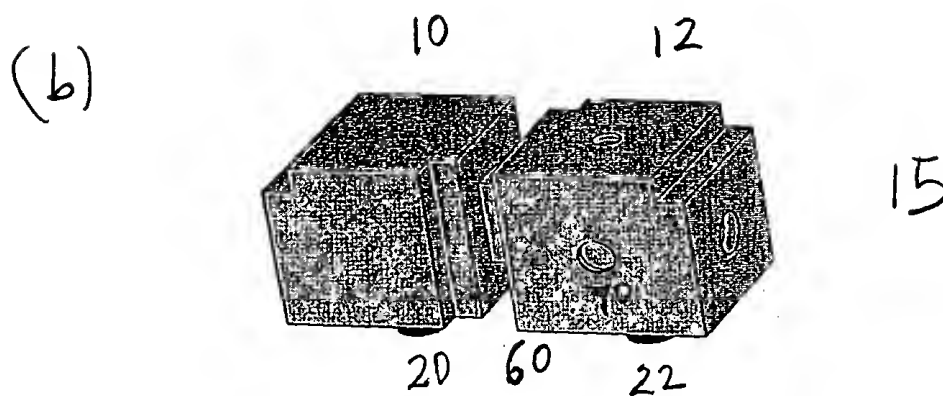
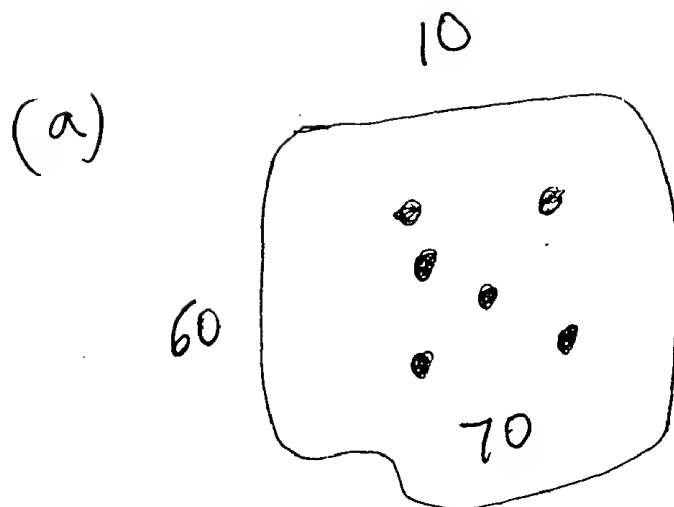
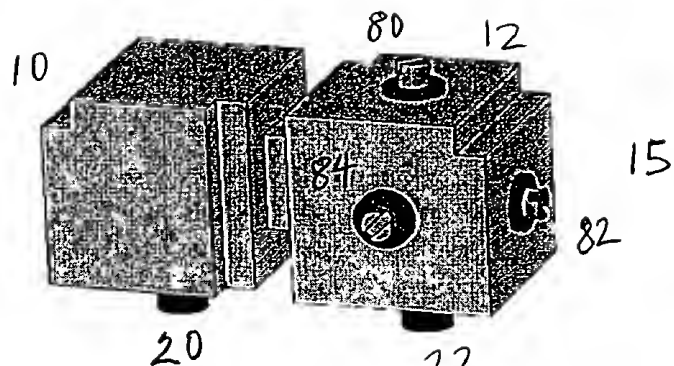


Figure 8

09987376-111401

(a)



(b)

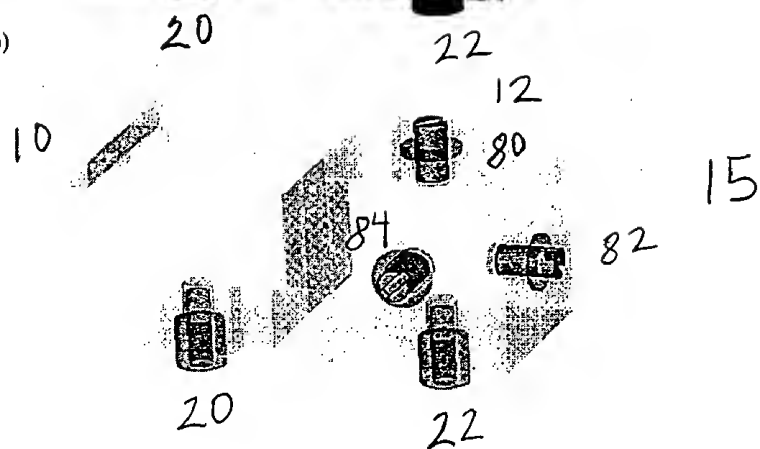


Figure 10.

00987376 11440
T04TTF 92E28660

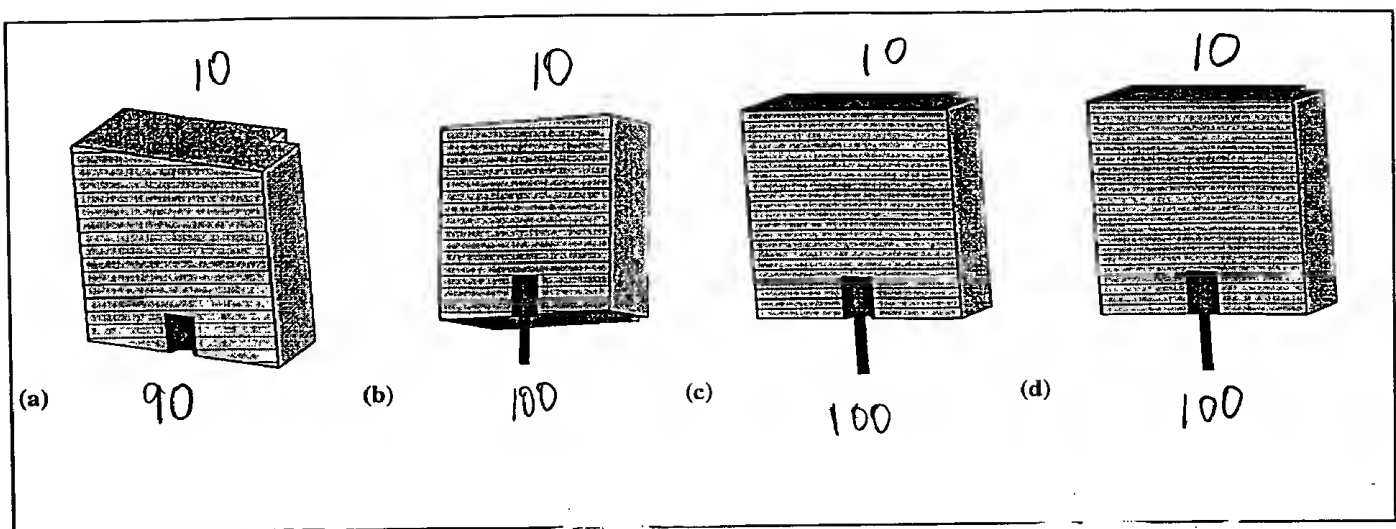


Figure 11.

09987376-111401

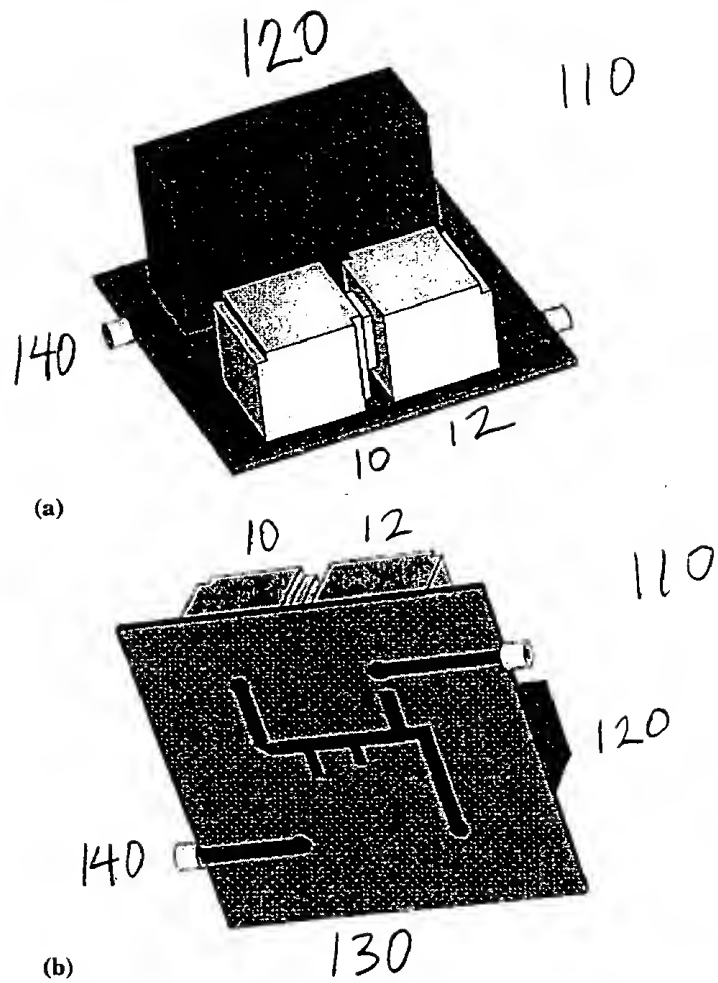


Figure 12.



Figure 13.

09987376 . 111401

09987376 "11401

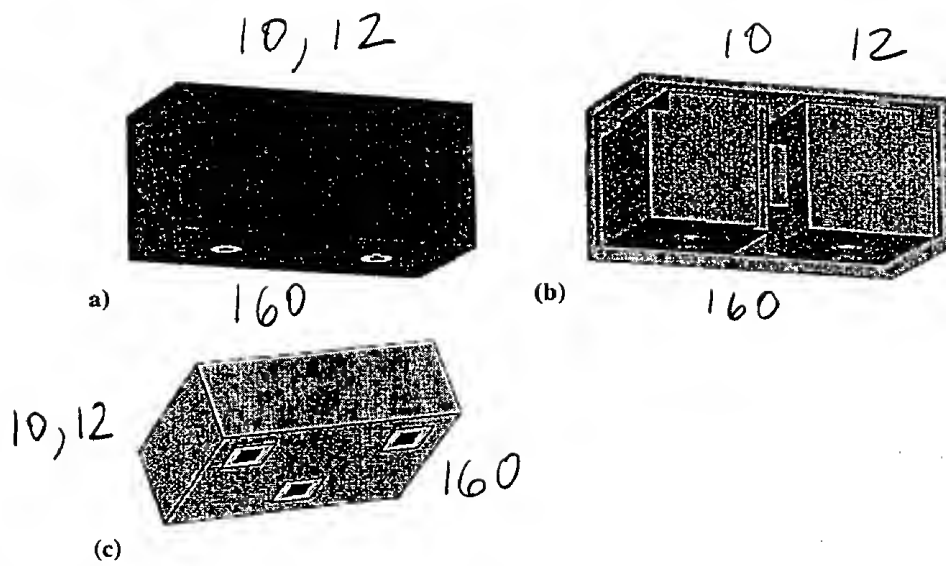
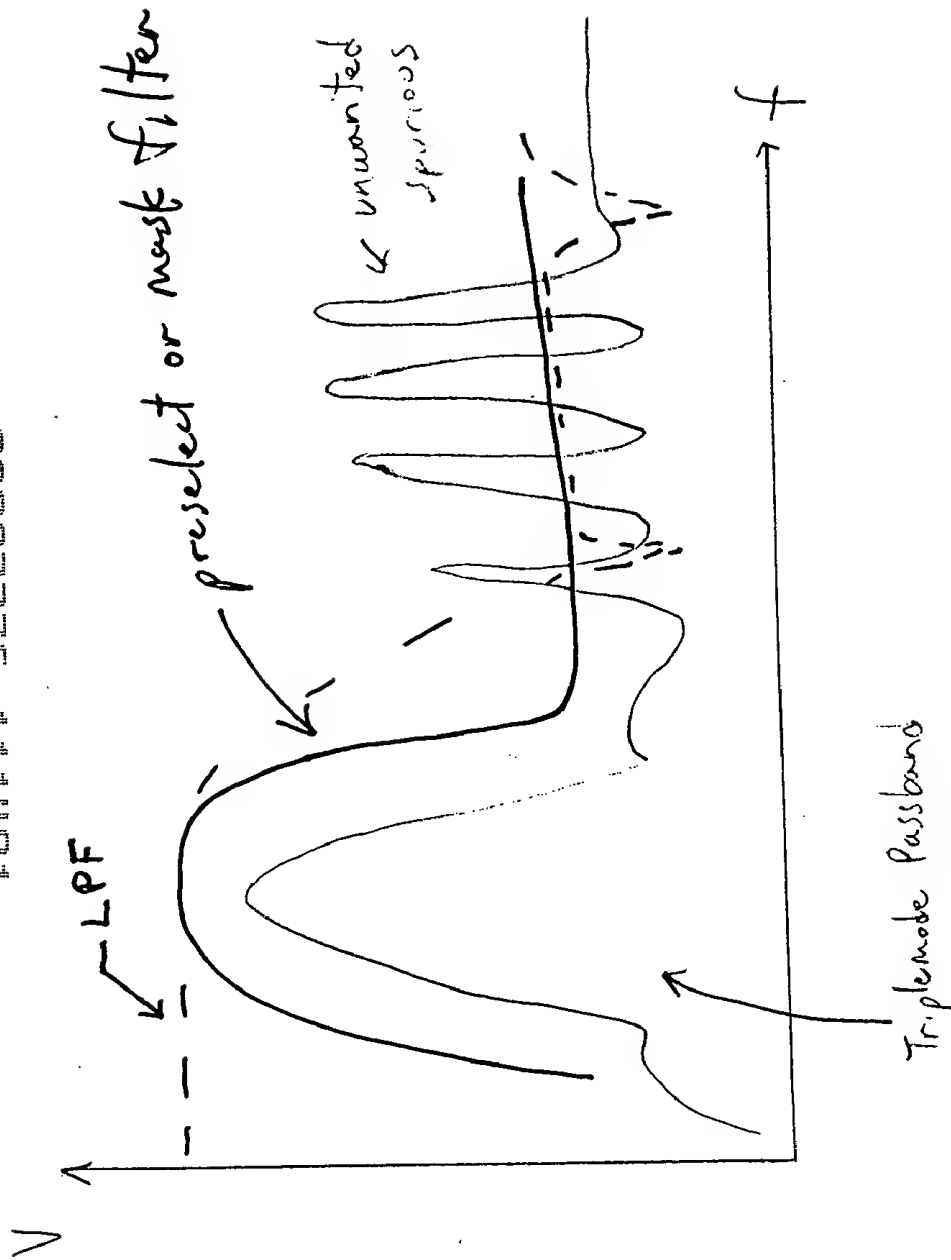


Figure 14.

FOUO 94E48660



Figure

09987376-111401

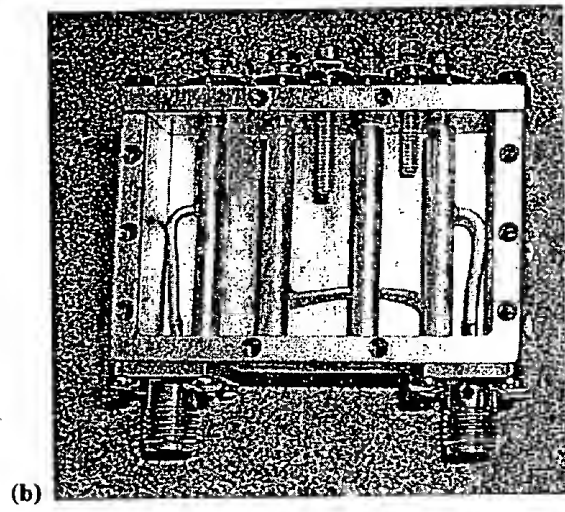
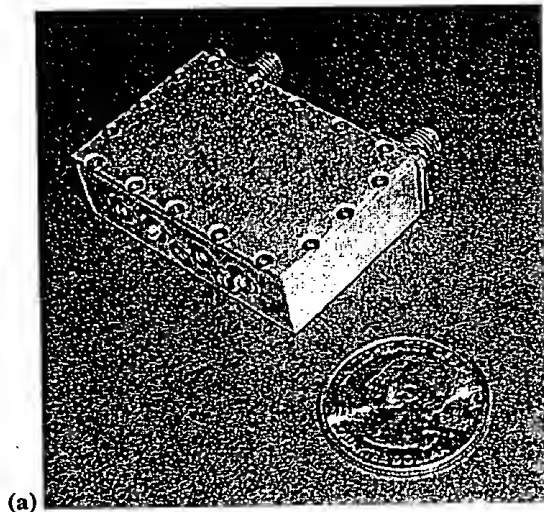


Figure 16.